BRUHAT BENGALURU MAHANAGARA PALIKE
YELAHANKA DIVISION

Name of Work: Improvements To Roads and Drains And Other Developmental Works At Akskshaya,Thirumalanagar,MuneshwaraLayout,Sri Sai Layout, B Sector And Surrounding Areas in Ward No-03 And 04 Of Yelahanka Division Under AmruthNagarothan Grants [PACKAGE NO-03]

EMB

SECOND AND PART BILL

Total Estimated Cost is Rs. 213.50Lakhs

NINETECH
INFRA SOLUTIONS PVT.LTD.

NINETCH INFRA SOLUTIONS PVT. LTD
#14, 3rd floor, Hithaa Complex, 80ft. Ring Road, Nagadevanahally, Kengeri, Bengaluru 560056
Email Id: **info.ninetechinfra@gmail.com** Contact: 7019556969/ 9535584464

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

SECOND AND PART BILL

EMB

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	2
Item Name:	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (V-I.No 1.4,Page No-5 PWD SR 2021-22)

SLNO	CHAINAGE		NO	L (m)	B (m)	D (m)	QTY	Remarks
	Land Mark							
Date of Measurement:- 24-12-22-30-12-22								
Ward no 03								
RCC DRAIN								
Sri Sai Layout								
From Veersagar Main Road								
Cross Road 1 (LHS)								
	0.00	14.70	1	14.70	1.10	1.00	16.17	
Cross Road 2 (RHS)								
	0.00	20.30	1	20.30	1.10	1.00	22.33	
Sai Layout 2nd A Main Road (LHS)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	47.10	1	17.10	1.10	1.00	18.81	
	47.10	54.10	1	7.00	-	-	-	No Work
	54.10	84.10	1	30.00	1.10	1.00	33.00	
	84.10	114.10	1	30.00	1.10	1.00	33.00	
	114.10	144.10	1	30.00	1.10	1.00	33.00	
Sai Layout 2nd A Main Road (RHS)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	60.00	1	30.00	1.10	1.00	33.00	
	60.00	90.00	1	30.00	1.10	1.00	33.00	
	90.00	120.00	1	30.00	1.10	1.00	33.00	
	120.00	136.20	1	16.20	1.10	1.00	17.82	
From Veersagar Main Road								
11th Cross Road (RHS)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	3
Item Name:	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22)

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 26-12-22 - 2-1-23								
Ward no 03								
RCC DRAIN								
Sri Sai Layout								
From Veersagar Main Road								
Cross Road 1 (LHS)								
	0.00	14.70	1	14.70	1.10	0.15	2.43	
Cross Road 2 (RHS)								
	0.00	20.30	1	20.30	1.10	0.15	3.35	
Sai Layout 2nd A Main Road (LHS)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	47.10	1	17.10	1.10	0.15	2.82	
	47.10	54.10	1	7.00	-	-	-	No Work
	54.10	84.10	1	30.00	1.10	0.15	4.95	
	84.10	114.10	1	30.00	1.10	0.15	4.95	
	114.10	144.10	1	30.00	1.10	0.15	4.95	
Sai Layout 2nd A Main Road (RHS)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	136.20	1	16.20	1.10	0.15	2.67	
From Veersagar Main Road								
11th Cross Road (RHS)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	49.00	1	19.00	1.10	0.15	3.14	
6th Cross Road (RHS)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	

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	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	93.90	1	3.90	1.10	0.15	0.64	
	93.90	108.00	1	14.10	-	-	-	No Work
	108.00	129.30	1	21.30	1.10	0.15	3.51	
6th Cross Road (Dead End)								
	0.00	4.70	1	4.70	1.10	0.15	0.78	
						Total Qty Work Done	78.74	
						Approved Schedule B Quantity	1911.91	
						Qty Limited to	78.74	Cum

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Contractor

Project Management Consultants

NINETECH INFRA SOLUTIONS PVT. LTD. Bangalore 560 056

Assistant Engineer
Yelahanka Division

Asst.Executive Engineer
Yelahanka Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	4
Item Name:	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 TMT Bars Fe 550(P-229/28.8.3) PWD SR 2018-19

Date of Measurement- 28-12-22 - 3-1-23

Sl no	Dia of Bar in mm	Side	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Standard Weight per Meter in kgs	Weight of Steel in kgs	Remarks
RCC Drain								
Sri Sai Layout								
Cross Road 1 (LHS)								
1	8	1	15	14.70	225.40	0.40	89.05	
2	10	1	147	2.15	316.05	0.62	195.09	
Cross Road 2 (RHS)								
1	8	1	15	20.30	311.27	0.40	122.97	
2	10	1	203	2.15	436.45	0.62	269.41	
Sai Layout 2nd A Main Road (LHS)								
1	8	1	15	137.10	2102.20	0.40	830.50	
2	10	1	1371	2.15	2947.65	0.62	1819.54	
Sai Layout 2nd A Main Road (RHS)								
1	8	1	15	136.20	2088.40	0.40	825.05	
2	10	1	1362	2.15	2928.30	0.62	1807.59	
11th Cross Road (RHS)								
1	8	1	15	49.00	751.33	0.40	296.83	
2	10	1	490	2.15	1053.50	0.62	650.31	
6th Cross Road (RHS)								
1	8	1	15	129.30	1982.60	0.40	783.25	
2	10	1	1293	2.15	2779.95	0.62	1716.02	
6th Cross Road (Dead End)								
1	8	1	15	4.70	72.07	0.40	28.47	
2	10	1	47	2.15	101.05	0.62	62.38	
	Total Quantity of Steel in Kg's for RCC Drain only						**9496.44**	

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Sl no	Dia of Bar in mm	Side	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Standard Weight per Meter in kgs	Weight of Steel in kgs	Remarks
						Total Quantity of Steel in Kg's	9496.4	kgs
						Total Quantity of Steel in Tonne's	9.50	Tn
						Approved Schedule B Quantity	138.66	Tn
						Qty Payable in this bill	9.50	Tn

NINETECH INFRA SOLUTIONS PVT LTD. Bangalore 560056

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Division

Asst Executive Engineer
Yelahanka Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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BRUHAT BANGALORE MAHANAGARA PALIKE

First & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	5	
Item Name:	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-1,P.No.17, I.No.2.4.2 of PWD SR 2021-22)	

SLNO	CHAINAGE		NO	L	B	D	QTY	Remarks
	Land Mark			(m)	(m)	(m)		
Date of Measurement:- 28-12-22 - 4-1-23								
For Raft Concrete								
Ward no 03								
RCC DRAIN								
Sri Sai Layout								
From Veersagar Main Road								
Cross Road 1 (LHS)								
	0.00	14.70	1	14.70	0.90	0.15	1.98	
Cross Road 2 (RHS)								
	0.00	20.30	1	20.30	0.90	0.15	2.74	
Sai Layout 2nd A Main Road (LHS)								
	0.00	30.00	1	30.00	0.90	0.15	4.05	
	30.00	47.10	1	17.10	0.90	0.15	2.31	
	47.10	54.10	1	7.00	-	-		
	54.10	84.10	1	30.00	0.90	0.15	4.05	
	84.10	114.10	1	30.00	0.90	0.15	4.05	
	114.10	144.10	1	30.00	0.90	0.15	4.05	
Sai Layout 2nd A Main Road (RHS)								
	0.00	30.00	1	30.00	0.90	0.15	4.05	
	30.00	60.00	1	30.00	0.90	0.15	4.05	
	60.00	90.00	1	30.00	0.90	0.15	4.05	

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
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	90.00	93.90	2	3.90	0.15	0.60	0.70	
	93.90	108.00	2	14.10	-	-	-	No Work
	108.00	129.30	2	21.30	0.15	0.60	3.83	
6th Cross Road (Dead End)								
	0.00	4.70	2	4.70	0.15	0.60	0.85	
Total Qty Work Done							**150.46**	
Approved Schedule B Quantity							**2227.93**	
Qty Payable in this bill							**150.46**	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer.
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	8	
Item Name:	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates (V-I, No-2.1.4, P.No-15 of PWD SR 2021-22).	

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 27-1-23 - 2-2-23								
PCC FOR KERB								
Ward No -03								
Attur Layout 3rd cross road LHS (From End)								
	0.00	14.50	1	14.50	0.20	0.10	0.29	
	14.50	30.00						
	30.00	38.00	1	8.00	0.20	0.10	0.16	
	38.00	60.00						
	60.00	72.00	1	12.00	0.20	0.10	0.24	
	72.00	90.00						
	90.00	96.00	1	6.00	0.20	0.10	0.12	
	96.00	120.00						
	120.00	131.00	1	11.00	0.20	0.10	0.22	
	131.00	150.00						
	150.00	164.00	1	14.00	0.20	0.10	0.28	
	164.00	180.00						
	180.00	210.00	1	30.00	0.20	0.10	0.60	
	210.00	240.00						
	240.00	243.80	1	3.80	0.20	0.10	0.08	
	243.80	260.00						
	260.00	282.10	1	22.10	0.20	0.10	0.44	
Attur Layout 3rd cross road RHS (From End)								
	0.00	18.20	1	18.20	0.20	0.10	0.36	
	18.20	30.00						
	30.00	43.50	1	13.50	0.20	0.10	0.27	
	43.50	60.00						
	60.00	76.00	1	16.00	0.20	0.10	0.32	
	76.00	90.00						
	90.00	103.00	1	13.00	0.20	0.10	0.26	
	103.00	120.00						
	120.00	134.00	1	14.00	0.20	0.10	0.28	
	134.00	150.00						

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
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ಸಹಾಯಕ ಅಭಿಯಂತರರು
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	150.00	169.00	1	19.00	0.20	0.10	0.38	
	169.00	180.00						
	180.00	210.00	1	30.00	0.20	0.10	0.60	
	210.00	240.00						
	240.00	243.80	1	3.80	0.20	0.10	0.08	
	243.80	260.00						
	260.00	269.20	1	9.20	0.20	0.10	0.18	
				Attur Layout 4th cross road(LHS)				
	0.00	17.00	1	17.00	0.20	0.10	0.34	
	17.00	30.00						
	30.00	47.70	1	17.70	0.20	0.10	0.35	
	47.70	60.00						
	60.00	77.70	1	17.70	0.20	0.10	0.35	
	77.70	90.00						
	90.00	108.70	1	18.70	0.20	0.10	0.37	
	108.70	120.00						
	120.00	141.20	1	21.20	0.20	0.10	0.42	
	141.20	150.00						
	150.00	172.40	1	22.40	0.20	0.10	0.45	
	172.40	180.00						
	180.00	210.00	1	30.00	0.20	0.10	0.60	
	210.00	240.00						
	240.00	253.00	1	13.00	0.20	0.10	0.26	
	253.00	260.00	1					
				Attur Layout 4th cross road(RHS)				
	0.00	16.20	1	16.20	0.20	0.10	0.32	
	16.20	30.00						
	30.00	49.80	1	19.80	0.20	0.10	0.40	
	49.80	60.00						
	60.00	78.50	1	18.50	0.20	0.10	0.37	
	78.50	90.00						
	90.00	110.20	1	20.20	0.20	0.10		
	110.20	120.00						
	120.00	146.50	1	26.50	0.20	0.10	0.53	
	146.50	150.00						
	150.00	178.20	1	28.20	0.20	0.10	0.56	
	178.20	180.00						
	180.00	210.00	1	30.00	0.20	0.10	0.60	
	210.00	240.00						
	240.00	260.00	1					
						Total Qty Work Done	11.50	
						Approved Schedule B Quantity	230.72	
						Qty Payable in this bill	49.29	11.50 / 11.50

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Division

Executive Engineer
Yelahanka Division

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	11
Item Name:	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-0.552 of PWD SR 2021-22)

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 29-12-22 - 16-1-23								
Ward no 03								
Asphalt ROAD								
Akshaynagar								
2nd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.25	6.75	
	30.00	60.00	2	30.00	0.45	0.25	6.75	
	60.00	63.50	2	3.50	0.45	0.25	0.79	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.25	8.25	
	30.00	60.00	2	30.00	0.55	0.25	8.25	
	60.00	63.50	2	3.50	0.45	0.25	0.79	
3rd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.25	6.75	
	30.00	60.00	2	30.00	0.45	0.25	6.75	
	60.00	64.50	2	4.50	0.45	0.25	1.01	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.25	8.25	
	30.00	60.00	2	30.00	0.55	0.25	8.25	
	60.00	64.50	2	4.50	0.55	0.25	1.24	
4th cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.25	6.75	
	30.00	60.00	2	30.00	0.45	0.25	6.75	
	60.00	63.50	2	3.50	0.45	0.25	0.79	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Sandeep Unnikrishnan Main Road								
From 3rd B Cross Road								
7th B Main								
Edge correction and damage portion								
	0.00	30.00	1	30.00	0.45	0.25	3.38	
	30.00	60.00	1	30.00	0.45	0.25	3.38	
	60.00	67.30	1	7.30	0.45	0.25	0.82	
Cut portion								
	0.00	30.00	1	30.00	0.55	0.25	4.13	
	30.00	60.00	1	30.00	0.55	0.25	4.13	
	60.00	67.30	1	7.30	0.55	0.25	1.00	
Total Qty Work Done							**2142.55**	
Approved Schedule B Quantity							**8088.12**	
Qty Payable in this bill							**2142.55**	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NIRETECH INFRASTRUCTURES PVT LTD Bangalore 560 056

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Division

Asst.Executive Engineer
Yelahanka Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	12	
Item Name:	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 .(V-III, I No-4.1V,P No-19,KPWD SR 2021-22)	

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 2-1-23 - 24-1-23								
Ward no 03								
Asphalt ROAD								
Akshaynagar								
2nd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.15	4.05	
	30.00	60.00	2	30.00	0.45	0.15	4.05	
	60.00	63.50	2	3.50	0.45	0.15	0.47	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.15	4.95	
	30.00	60.00	2	30.00	0.55	0.15	4.95	
	60.00	63.50	2	3.50	0.55	0.15	0.58	
3rd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.15	4.05	
	30.00	60.00	2	30.00	0.45	0.15	4.05	
	60.00	64.50	2	4.50	0.45	0.15	0.61	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.15	4.95	
	30.00	60.00	2	30.00	0.55	0.15	4.95	
	60.00	64.50	2	4.50	0.55	0.15	0.74	
4th cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.15	4.05	
	30.00	60.00	2	30.00	0.45	0.15	4.05	
	60.00	63.50	2	3.50	0.45	0.15	0.47	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.15	4.95	
	30.00	60.00	2	30.00	0.55	0.15	4.95	
	60.00	63.50	2	3.50	0.55	0.15	0.58	
5th cross road								

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

	60.00	76.20	2	16.20	0.55	0.15	2.67	
Sandeep Unnikrishnan Main Road								
From 3rd B Cross Road								
7th B Main								
Edge correction and damage portion								
	0.00	30.00	1	30.00	0.45	0.15	2.03	
	30.00	60.00	1	30.00	0.45	0.15	2.03	
	60.00	67.30	1	7.30	0.45	0.15	0.49	
Cut portion								
	0.00	30.00	1	30.00	0.55	0.15	2.48	
	30.00	60.00	1	30.00	0.55	0.15	2.48	
	60.00	67.30	1	7.30	0.55	0.15	0.60	
Total Qty Work Done							**1285.64**	
Approved Schedule B Quantity							**4243.82**	
Qty Payable in this bill							**1285.64**	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NOVETECH INFRA SOLUTIONS PVT LTD
Bangalore
560 056

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Division

Asst Executive Engineer
Yelahanka Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

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BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	13
Item Name:	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density (V-III, P.No-24,I No-4.27A)of PWD SR 2021-22).

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 6-1-23- 28-1-23								
Ward no 03								
Asphalt ROAD								
Akshaynagar								
2nd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.23	6.21	
	30.00	60.00	2	30.00	0.45	0.23	6.21	
	60.00	63.50	2	3.50	0.45	0.23	0.72	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.23	7.59	
	30.00	60.00	2	30.00	0.55	0.23	7.59	
	60.00	63.50	2	3.50	0.55	0.23	0.89	
3rd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.23	6.21	
	30.00	60.00	2	30.00	0.45	0.23	6.21	
	60.00	64.50	2	4.50	0.45	0.23	0.93	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.23	7.59	
	30.00	60.00	2	30.00	0.55	0.23	7.59	
	60.00	64.50	2	4.50	0.55	0.23	1.14	
4th cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.23	6.21	
	30.00	60.00	2	30.00	0.45	0.23	6.21	
	60.00	63.50	2	3.50	0.45	0.23	0.72	
Cut portion								

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Sandeep Unnikrishnan Main Road								
From 3rd B Cross Road								
7th B Main								
Edge correction and damage portion								
	0.00	30.00	1	30.00	0.45	0.23	3.11	
	30.00	60.00	1	30.00	0.45	0.23	3.11	
	60.00	67.30	1	7.30	0.45	0.23	0.76	
Cut portion								
	0.00	30.00	1	30.00	0.55	0.23	3.80	
	30.00	60.00	1	30.00	0.55	0.23	3.80	
	60.00	67.30	1	7.30	0.55	0.23	0.92	
						Total Qty Work Done	**1969.28**	
						Approved Schedule B Quantity	**5609.00**	
						Qty Payable in this bill	**1969.28**	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ-ಸಹಾಯಕಂತರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst Executive Engineer
Yelahanka Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ-ಸಹಾಯಕಂತರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	14
Item Name:	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. (V-III, P.No-29,I No-5.1(i) of PWD SR 2021-22).

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 20-1-23- 3-2-23								
Ward no 03								
Asphalt ROAD								
Akshaynagar								
2nd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45		27.00	
	30.00	60.00	2	30.00	0.45		27.00	
	60.00	63.50	2	3.50	0.55	0.050	0.19	
Cut portion								
	0.00	30.00	2	30.00	0.55		33.00	
	30.00	60.00	2	30.00	0.55		33.00	
	60.00	63.50	2	3.50	0.55	0.050	0.19	
3rd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45		27.00	
	30.00	60.00	2	30.00	0.45		27.00	
	60.00	64.50	2	4.50	0.45		4.05	
Cut portion								
	0.00	30.00	2	30.00	0.55		33.00	
	30.00	60.00	2	30.00	0.55		33.00	
	60.00	64.50	2	4.50	0.55		4.95	
4th cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45		27.00	
	30.00	60.00	2	30.00	0.45		27.00	
	60.00	63.50	2	3.50	0.45		3.15	
Cut portion								
	0.00	30.00	2	30.00	0.55		33.00	
	30.00	60.00	2	30.00	0.55		33.00	
	60.00	63.50	2	3.50	0.55		3.85	
5th cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45		27.00	
	30.00	60.00	2	30.00	0.45		27.00	
Cut portion								
	0.00	30.00	2	30.00	0.55		33.00	
	30.00	60.00	2	30.00	0.55		33.00	
6th cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45		27.00	
	30.00	60.00	2	30.00	0.45		27.00	

ಸಹಾಯಕ ಕಾರ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Sandeep Unnikrishnan Main Road								
From 3rd B Cross Road								
7th B Main								
Edge correction and damage portion								
	0.00	30.00	1	30.00	0.45		13.50	
	30.00	60.00	1	30.00	0.45		13.50	
	60.00	67.30	1	7.30	0.45		3.29	
Cut portion								
	0.00	30.00	1	30.00	0.55		16.50	
	30.00	60.00	1	30.00	0.55		16.50	
	60.00	67.30	1	7.30	0.55		4.02	
						Total Qty Work Done	8549.69	
						Approved Schedule B Quantity	31872.27	
						Qty Payable in this bill	8549.69	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NINETECH INFRA SOLUTIONS PVT LTD
Bangalore
560056

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	15
Item Name:	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom (V-III, P.No-29,I No-5.3(i) of PWD SR 2021-22).

SLNO	CHAINAGE Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	Remarks
Date of Measurement:- 23-1-23 — 3-2-23										
Ward no 03										
Asphalt ROAD										
Akshyanagar										
2nd cross road										
	0.00	30.00	1	30.00	6.00	5.90	5.95		178.50	
	30.00	60.00	1	30.00	5.90	6.40	6.15		184.50	
	60.00	63.50	1	3.50	6.40	6.40	6.40		22.40	
3rd cross road										
	0.00	30.00	1	30.00	6.00	6.10	6.05		181.50	
	30.00	60.00	1	30.00	6.10	5.20	5.65		169.50	
	60.00	64.50	1	4.50	5.20	5.70	5.45		24.53	
4th cross road										
	0.00	30.00	1	30.00	5.80	5.90	5.85		175.50	
	30.00	60.00	1	30.00	5.90	5.50	5.70		171.00	
	60.00	63.50	1	3.50	5.50	5.50	5.50		19.25	
5th cross road										
	0.00	30.00	1	30.00	5.70	5.80	5.75		172.50	
	30.00	60.00	1	30.00	5.80	6.30	6.05		181.50	
6th cross road										
	0.00	30.00	1	30.00	6.20	6.30	6.25		187.50	
	30.00	60.00	1	30.00	6.30	5.80	6.05		181.50	
	60.00	65.00	1	5.00	5.80	5.80	5.80		29.00	
7th cross road										
	0.00	30.00	1	30.00	6.20	6.30	6.25		187.50	
	30.00	60.00	1	30.00	6.30	6.20	6.25		187.50	
	60.00	64.00	1	4.00	6.20	6.30	6.25		25.00	
8th A main road										
	0.00	30.00	1	30.00	7.80	5.80	6.80		204.00	
	30.00	60.00	1	30.00	5.80	7.10	6.45		193.50	
	60.00	90.00	1	30.00	7.10	6.60	6.85		205.50	
	90.00	120.00	1	30.00	6.60	6.70	6.65		199.50	
	120.00	150.00	1	30.00	6.70	6.70	6.70		201.00	
	150.00	180.00	1	30.00	6.70	5.40	6.05		181.50	
	180.00	210.00	1	30.00	5.40	6.50	5.95		178.50	
	210.00	240.00	1	30.00	6.50	6.80	6.65		199.50	
	240.00	255.20	1	15.20	6.80	5.30	6.05		91.96	
State Bank of India road										
	0.00	30.00	1	30.00	8.50	6.90	7.70		231.00	
	30.00	60.00	1	30.00	6.90	6.80	6.85		205.50	
	60.00	90.00	1	30.00	6.80	6.30	6.55		196.50	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಲಯ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

	90.00	120.00	1	30.00	5.20	5.60	5.40		162.00	
	120.00	150.00	1	30.00	5.60	6.20	5.90		177.00	
	150.00	180.00	1	30.00	6.20	5.20	5.70		171.00	
	180.00	210.00	1	30.00	5.20	4.80	5.00		150.00	
	210.00	240.00	1	30.00	4.80	7.40	6.10		183.00	
	240.00	256.90	1	16.90	7.40	6.00	6.70		113.23	
	256.90	263.70	1	6.80	4.00	4.00	4.00		27.20	
Under 11th cross Road (Muneshwara Layout)										
1st Cross Road										
	0.00	30.00	1	30.00	4.90	5.00	4.95		148.50	
	30.00	33.00	1	3.00	5.00	3.50	4.25		12.75	
2nd Cross Road										
	0.00	7.30	1	7.30	5.10	5.10	4.80		35.04	
	7.30	25.30	1	18.00	4.70	3.80	4.90		88.20	
	25.30	34.60	1	9.30	4.50	4.50	4.90		45.57	
3rd Cross Road										
	0.00	30.00	1	30.00	5.50	5.00	5.25		157.50	
	30.00	38.20	1	8.20	5.00	5.00	5.00		41.00	
Ward no 04										
Asphalt ROAD										
10th B Main B Sector										
	0.00	30.00	1	30.00	6.00	6.50	6.25		187.50	
	30.00	35.20	1	5.20	6.50	6.60	6.55		34.06	
2nd B Main B Sector										
	0.00	30.00	1	30.00	6.40	6.50	6.45		193.50	
	30.00	60.00	1	30.00	6.50	6.40	6.45		193.50	
	60.00	72.10	1	12.10	6.40	6.50	6.45		78.05	
11th B Cross Road B Sector										
	0.00	30.00	1	30.00	5.90	5.80	5.85		175.50	
	30.00	60.00	1	30.00	5.80	5.60	5.70		171.00	
	60.00	76.20	1	16.20	5.60	5.80	5.70		92.34	
From Sandeep Unnikrishnan Main Road										
4th B Cross Road Continued										
	0.00	16.20	1	16.20	7.40	6.80	7.10		115.02	
From 3rd B Cross Road										
7th B Main										
	0.00	30.00	1	30.00	6.90	6.20	6.55		196.50	
	30.00	60.00	1	30.00	6.20	6.00	6.10		183.00	
	60.00	67.30	1	7.30	6.00	6.00	6.00		43.80	
								Total Qty Work Done	23606.94	
								Approved Schedule B Quantity	76766.61	
								Qty Payable in this bill	23606.94	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Yelahanka Division
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Bangalore 560 056

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	16
Item Name:	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects. (V-III, P.No-33,I No-5.12C of PWD SR 2021-22).

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 22-1-23-1-2-23								
Ward no 03								
Asphalt ROAD								
Akshyanagar								
1st cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.050	1.35	
	30.00	60.00	2	30.00	0.45	0.050	1.35	
	60.00	67.00	2	7.00	0.45	0.050	0.32	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.050	1.65	
	30.00	60.00	2	30.00	0.55	0.050	1.65	
	60.00	67.00	2	7.00	0.55	0.050	0.39	
2nd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.050	1.35	
	30.00	60.00	2	30.00	0.45	0.050	1.35	
	60.00	63.50	2	3.50	0.55	0.050	0.19	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.050	1.65	
	30.00	60.00	2	30.00	0.55	0.050	1.65	
	60.00	63.50	2	3.50	0.55	0.050	0.19	
3rd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.050	1.35	
	30.00	60.00	2	30.00	0.45	0.050	1.35	
	60.00	64.50	2	4.50	0.45	0.050	0.20	
Cut portion								

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

	30.00	60.00	2	30.00	0.45	0.05	1.35	
	30.00	76.20	2	46.20	0.45	0.05	2.08	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.05	1.65	
	30.00	60.00	2	30.00	0.55	0.05	1.65	
	60.00	76.20	2	16.20	0.55	0.05	0.89	
Sandeep Unnikrishnan Main Road								
4th B Cross Road								
Edge correction and damage portion								
	0.00	30.00	1	30.00	0.55	0.05	0.83	
	30.00	60.00	1	30.00	0.55	0.05	0.83	
	60.00	90.00	1	30.00	0.55	0.05	0.83	
	90.00	120.00	1	30.00	0.55	0.05	0.83	
	120.00	137.30	1	17.30	0.55	0.05	0.48	
Cut portion								
	0.00	30.00	1	30.00	0.45	0.05	0.68	
	30.00	60.00	1	30.00	0.45	0.05	0.68	
	60.00	90.00	1	30.00	0.45	0.05	0.68	
	90.00	120.00	1	30.00	0.45	0.05	0.68	
	120.00	137.30	1	17.30	0.45	0.05	0.39	
4th B Cross Road Continued								
Edge correction and damage portion								
	0.00	16.20	1	16.20	0.55	0.05	0.45	
Cut portion								
	0.00	16.20	1	16.20	0.45	0.05	0.36	
From 3rd B Cross Road								
7th B Main								
Edge correction and damage portion								
	0.00	30.00	1	30.00	0.45	0.05	0.68	
	30.00	60.00	1	30.00	0.45	0.05	0.68	
	60.00	67.30	1	7.30	0.45	0.05	0.16	
Cut portion								
	0.00	30.00	1	30.00	0.55	0.05	0.83	
	30.00	60.00	1	30.00	0.55	0.05	0.83	
	60.00	67.30	1	7.30	0.55	0.05	0.20	
						Total Qty Work Done	**442.52**	
						Approved Schedule B Quantity	**10938.22**	
						Qty Payable in this bill	**442.52**	

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಡಿ.ಎ.ಪ್ರಾ. ಬೆಂಗಳೂರು-106

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ
ಯಲಹಂಕ ಉಪನಗರ ಉ
ಬಿ.ಡಿ.ಎ.ಪ್ರಾ. ಬೆಂಗಳೂ

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

ETECH INFRA SOLUTIONS PVT LTD Bangalore 560 056

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ.
ಬಿ.ಡಿ.ಎ.ಪ್ರಾ. ಬೆಂಗಳೂರು-106

Asst Executive Engineer
Yelahanka Division

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

MEASUREMENT

SECOND AND PART BILL

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
2	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1 5 m including cost of labour, tools & other appurtenaces required to complete the work Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum (Tipper 5 5 m3) (V-I No 1.4,Page No-5 PWD SR 2021-22)								
	Vide Premeasurement page no. 01 to 13								
					Present Qty	2287.02	Cum	336.25	769020.53
3	Providing and laying in position plain cement concrete for levelling course for all works in foundation The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications (The cost of steel reinforcement & formwork shall be paid separately) Mix 1 3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-I, P No-15 I No-2 1 3 of PWD SR 2021-22)								
	Vide Premeasurement page no. 14 to 15								
					Present Qty	78.74	Cum	6362.29	500953.99
4	KSRRB M2200-6. Providing T M T steel reinforcement for R C C work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification MORTH Specification No.1600 & 2200 TMT Bars Fe 550(P-229/28 8 3) PWD SR 2018-19								
	Vide Premeasurement page no. 16 to 17								
					Present Qty	9.50	Tonns	114292.20	1085369.57
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0 50m to 3 50 m height The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-1,P.No.17, I.No.2.4 2 of PWD SR 2021-22)								
	Vide Premeasurement page no. 18 to 20								
					Present Qty	150.46	Cum	7265.75	1093196.94
8	Providing and laying in position plain cement concrete for levelling course for all works in foundation The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications Mix 1 3 6 (M10) Using 20 mm nominal size graded crushed coarse aggregates (V-I No-2 1 4, P No-15 of PWD SR 2021-22).								
	Vide Premeasurement page no. 21 to 22								
					Present Qty	49.29	Cum	6554.75	323057.19

11.50

11	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-0.552 of PWD SR 2021-22)				
	Vide Premeasurement page no. 23 to 37				
	Present Qty	**2142.55**	**Cum**	**71.90**	**154041.78**
12	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 .(V-III, I No-4.1V,P No-19,KPWD SR 2021-22)				
	Vide Premeasurement page no. 38 to 51				
	Present Qty	**4243.82** 1285.64	**Cum**	**2596.02**	**11017022.61**
13	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density (V-III, P.No-24.1 No-4.27A)of PWD SR 2021-22).				
	Vide Premeasurement page no. 52 to 66				
	Present Qty	**1969.28**	**Cum**	**2648.00**	**5214665.72**
14	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. (V-III, P.No-29.1 No-5.1(i) of PWD SR 2021-22).				
	Vide Premeasurement page no. 67 to 79				
	Present Qty	**8549.69**	**Sqm**	**48.67**	**416099.30**
15	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom (V-III, P.No-29.1 No-5.3(i) of PWD SR 2021-22).				
	Vide Premeasurement page no. 80 to 85				
	Present Qty	**23606.94**	**Sqm**	**13.27**	**313339.53**
16	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects. (V-III, P.No-33.1 No-5.12C of PWD SR 2021-22).				
	Vide Premeasurement page no. 86 to 100				
	Present Qty	**442.52**	**Cum**	**10938.22**	**4840325.52**

Contractor

Project Management Consultants

NIRMAN CH INFRA SOLUTIONS PVT. LTD. Bangalore

Assistant Engineer
Yelahanka Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
Executive Engineer
Yelahanka Division
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	1							
Item Name:	Removing and Resetting of Footpath Slab and pointing in C.M (1:3) (Approved Rate)							
SLNO	CHAINAGE		NO	L	B	Side	QTY	Remarks
	Land Mark			(m)	(m)			
Date of Measurement:- 3-1-23 – 27-1-23								
Ward no 03								
Removing and Resetting of Footpath Slab								
	2nd main road Attur Layout LHS							
Attur Layout 2nd main road								
	0.00	21.00	1	21.00	0.90		18.90	
	21.00	30.00	1	9.00	0.90		8.10	
	30.00	60.00	1	30.00	0.90		27.00	
	60.00	74.70	1	14.70	0.90		13.23	
	74.70	84.40	1					Cross Road
	84.40	90.00	1	5.60	0.90		5.04	
	90.00	120.00	1	30.00	0.90		27.00	
	120.00	137.80	1	17.80	0.90		16.02	
	137.80	147.10						Cross Road
	147.10	150.00	1	2.90	0.90		2.61	
	150.00	180.00	1	30.00	0.90		27.00	
	180.00	210.00	1	30.00	0.90		27.00	
	210.00	218.30	1	8.30	0.90		7.47	
	218.30	226.00						Cross Road
	226.00	240.00	1	14.00	0.90		12.60	
	240.00	270.00	1	30.00	0.90		27.00	
	270.00	300.00	1	30.00	0.90		27.00	
	300.00	306.00						Cross Road
	306.00	330.00	1	24.00	0.90		21.60	
	330.00	360.00	1	30.00	0.90		27.00	
	360.00	377.00	1	17.00	0.90		15.30	
	2nd main road Attur Layout RHS							
	0.00	21.00	1	21.00	0.90		18.90	
	21.00	30.00	1	9.00	0.90		8.10	
	30.00	60.00	1	30.00	0.90		27.00	
	60.00	74.70	1	14.70	0.90		13.23	
	74.70	84.40	1					Cross Road
	84.40	90.00	1	5.60	0.90		5.04	

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	82.30	108.70	1	26.40	0.90		23.76	
	108.70	113.10						
	113.10	141.20	1	28.10	0.90		25.29	
	141.20	145.60						
	145.60	172.40	1	26.80	0.90		24.12	
	172.40	176.40						
	176.40	201.00	1	24.60	0.90		22.14	
	201.00	205.20						
	205.20	231.50	1	26.30	0.90		23.67	
	231.50	236.20						
	236.20	253.00	1	16.80	0.90		15.12	
	253.00	263.70	1	10.70	0.90		9.63	
						Total Qty Work Done	5942.79	
						Approved Schedule B Quantity	6357.46	
						Qty Payable in this bill	5942.79	

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA

First & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	6
Item Name:	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work

SLNO	CHAINAGE		NO	L (m)	B (m)	D (m)	QTY	Remarks
	Land Mark							
Date of Measurement:- 27-1-23 - 2-2-23								
Ward no 03								
RCC DRAIN								
Sri Sai Layout								
From Veersagar Main Road								
Cross Road 1 (LHS)								
	0.00	14.70	1	14.70	0.90	-	13.23	
Cross Road 2 (RHS)								
	0.00	20.30	1	20.30	0.90	-	18.27	
Sai Layout 2nd A Main Road (LHS)								
	0.00	30.00	1	30.00	0.90	-	27.00	
	30.00	47.10	1	17.10	0.90	-	15.39	
	47.10	54.10	1	7.00	-	-	-	No Work
	54.10	84.10	1	30.00	0.90	-	27.00	
	84.10	114.10	1	30.00	0.90	-	27.00	
	114.10	121.10	1	7.00	0.90	-	6.30	
	121.10	135.60	-	-	-		-	BS Slab
	135.60	144.20	1	8.60	0.90	-	7.74	
Sai Layout 2nd A Main Road (RHS)								
	0.00	30.00	1	30.00	0.90	-	27.00	
	30.00	60.00	1	30.00	0.90	-	27.00	
	60.00	90.00	1	30.00	0.90	-	27.00	
	90.00	120.00	1	30.00	0.90	-	27.00	
	120.00	136.20	1	16.20	0.90	-	14.58	
From Veersagar Main Road								
11th Cross Road (RHS)								
	0.00	30.00	1	30.00	-	-	-	BS Slab
	30.00	49.00	1	19.00	-	-	-	BS Slab

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SLNO	CHAINAGE		NO	L	B	D	QTY	Remarks
	Land Mark			(m)	(m)	(m)		
	6th Cross Road (RHS)							
	0.00	9.20	1	9.20	0.90	-	8.28	
	9.20	14.60	1	5.40	-	-	-	BS Slab
	14.60	34.70	1	20.10	0.90	-	18.09	
	34.70	43.60	1	8.90	0.90	-	8.01	BS Slab
	43.60	52.10	1	8.50	0.90	-	7.65	
	52.10	57.60	1	5.50	-	-	-	BS Slab
	57.60	62.10	1	4.50	0.90	-	4.05	
	62.10	66.60	1	4.50	-	-	-	BS Slab
	66.60	93.90	1	27.30	0.90	-	24.57	
	93.90	108.00	1	14.10	-	-	-	No Work
	108.00	115.70	1	7.70	-	-	-	BS Slab
	115.70	120.60	1	4.90	0.90	-	4.41	
	120.60	124.90	1	4.30	-	-	-	BS Slab
	124.90	127.80	1	2.90	0.90	-	2.61	
	127.80	129.80	1	2.00	-	-	-	BS Slab
	6th Cross Road (Dead End)							
	0.00	4.70	1	4.70	0.90	-	4.23	
	Missing Slabs (in Removing and Resetting of Footpath Slab)							
	2nd main road Attur Layout LHS							
	Attur Layout 2nd main road							
	0.00	21.00						
	21.00	24.50	1	3.50	0.90		3.15	
	24.50	30.00						
	30.00	36.50	1	6.50	0.90		5.85	
	36.50	60.00						
	60.00	67.50	1	7.50	0.90		6.75	
	67.50	74.70						
	74.70	84.40	1					Cross Road
	84.40	90.00	1	5.60	0.90		5.04	
	90.00	120.00						
	120.00	137.80						
	137.80	147.10						Cross Road
	147.10	152.60	1	5.50	0.90		4.95	
	152.60	180.00						
	180.00	210.00						
	210.00	218.30						
	218.30	226.00						Cross Road
	226.00	240.00						
	240.00	244.30	1	4.30	0.90		3.87	
	244.30	270.00						
	270.00	300.00						

02/02/2023

ಸಹಾಯಕ ಅಭಿಯಂತರ ಉಪನಗರ ಉಪ ವಿಭಾಗ ಬಿ.ಎಂ.ಟಿ. ಬೆಂಗಳೂರು

ಸಹಾಯಕ ಅಭಿಯಂತರ ಉಪನಗರ ಉಪ ವಿಭಾಗ ಬಿ.ಎಂ.ಟಿ. ಬೆಂಗಳೂರು

SLNO	CHAINAGE		NO	L	B	D	QTY	Remarks
	Land Mark			(m)	(m)	(m)		
	120.00	150.00	1	30.00	0.90		27.00	
	150.00	180.00						
	180.00	210.00	1	30.00	0.90		27.00	
	210.00	240.00						
	240.00	247.60	1	7.60	0.90		6.84	
	240.00	270.00						
	270.00	285.70	1	15.70	0.90		14.13	
Attur Layout 4th cross road LHS								
	0.00	8.50						
	8.50	14.30	1	5.80	0.90		5.22	
	14.30	30.00						
	30.00	60.00						
	60.00	90.00	1	30.00	0.90		27.00	
	90.00	120.00						
	120.00	150.00						
	150.00	154.20	1	4.20	0.90		3.78	
	150.00	180.00						
	180.00	210.00	1	30.00	0.90		27.00	
	210.00	240.00						
	240.00	246.80						
	246.80	253.00	1	6.20	0.90		5.58	
	253.00	263.70						

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SLNO	CHAINAGE		NO	L	B	D	QTY	Remarks
	Land Mark			(m)	(m)	(m)		
Attur Layout 4th cross road RHS								
	0.00	8.50						
	8.50	16.80	1	8.30	0.90		7.47	
	16.80	30.00	1	13.20	0.90		11.88	
	30.00	60.00						
	60.00	90.00	1	30.00	0.90		27.00	
	90.00	120.00						
	120.00	150.00						
	150.00	156.20	1	6.20	0.90		5.58	
	150.00	180.00						
	180.00	210.00	1	30.00	0.90		27.00	
	210.00	240.00						
	240.00	248.50	1	8.50	0.90		7.65	
	248.50	253.00						
	253.00	263.70						
Total Qty Work Done							1416.42	
Approved Schedule B Quantity							7431.83	
Qty Payable in this bill							1416.42	

Contractor

NIHITECH INFRA SOLUTIONS PVT LTD Bangalore 560 056

Project Management Consultants

Assistant Engineer
Yelahanka Division

Asst.Executive Engineer
Yelahanka Division
ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ನಗರಪಾಲಿಕೆ ಉಪವಿಭಾಗ.
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BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	9
Item Name:	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (Approved Rate)

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 24-1-23 - 27-1-23								
KERB								
Ward No -03								
Attur Layout 3rd cross road LHS (From End)								
	0.00	14.50	1	14.50			14.50	
	14.50	30.00						
	30.00	38.00	1	8.00			8.00	
	38.00	60.00	1	22.00			22.00	
	60.00	72.00	1	12.00			12.00	
	72.00	90.00						
	90.00	96.00	1	6.00			6.00	
	96.00	120.00						
	120.00	131.00	1	11.00			11.00	
	131.00	150.00						
	150.00	164.00	1	14.00			14.00	
	164.00	180.00						
	180.00	210.00	1	30.00			30.00	
	210.00	240.00	1	30.00			30.00	
	240.00	243.80	1	3.80			3.80	
	243.80	260.00						
	260.00	285.70	1	25.70			25.70	

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Attur Layout 4th cross road(RHS)								
	0.00	16.20	1	16.20			16.20	
	16.20	30.00						
	30.00	49.80	1	19.80			19.80	
	49.80	60.00						
	60.00	78.50	1	18.50			18.50	
	78.50	90.00						
	90.00	110.20	1	20.20			20.20	
	110.20	120.00	1	9.80			9.80	
	120.00	146.50	1	26.50			26.50	
	146.50	150.00						
	150.00	178.20	1	28.20			28.20	
	178.20	180.00						
	180.00	210.00	1	30.00			30.00	
	210.00	240.00						
	240.00	263.70	1					
					Total Qty		686.40	
						Total Qty Work Done	1525.33	
						Approved Schedule B Quantity	17472.00	
						Qty Payable in this bill	1525.33	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division
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ಬಿ.ಎಂ.ಟಿ. ಬೆಂಗಳೂರು-106

Bangalore 560 055

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BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	17
Item Name:	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects (V-III, P.No.36, I.No.5.16C of PWD SR 2021-22).

SLNO	CHAINAGE		NO	L	B1	B2	Avg B	D	QTY	Remarks
	Land Mark			(m)	(m)	(m)	(m)	(m)		
Date of Measurement:-			17-1-23- 4-2-23							
				Ward no 03						
				Asphalt ROAD						
				Akshyanagar main road						
				2nd cross road						
	0.00	30.00	1	30.00	6.00	5.90	5.95	0.040	7.14	
	30.00	60.00	1	30.00	5.90	6.40	6.15	0.040	7.38	
	60.00	63.50	1	3.50	6.40	6.40	6.40	0.040	0.90	
				3rd cross road						
	0.00	30.00	1	30.00	6.90	5.10	6.00	0.040	7.20	
	30.00	60.00	1	30.00	5.10	7.10	6.10	0.040	7.32	
	60.00	64.50	1	4.50	7.10	7.10	7.10	0.040	1.28	
				4th cross road						
	0.00	30.00	1	30.00	6.00	6.00	6.00	0.040	7.20	
	30.00	60.00	1	30.00	6.00	5.50	5.75	0.040	6.90	
	60.00	63.50	1	3.50	5.50	5.90	5.70	0.040	0.80	
				5th cross road						
	0.00	30.00	1	30.00	5.80	7.00	6.40	0.040	7.68	
	30.00	60.00	1	30.00	7.00	7.00	7.00	0.040	8.40	
				6th cross road						
	0.00	30.00	1	30.00	7.00	5.30	6.15	0.040	7.38	
	30.00	60.00	1	30.00	5.30	6.30	5.80	0.040	6.96	
	60.00	65.00	1	5.00	6.30	6.30	6.30	0.040	1.26	
				7th cross road						
	0.00	30.00	1	30.00	6.80	5.40	6.10	0.040	7.32	
	30.00	60.00	1	30.00	5.40	6.60	6.00	0.040	7.20	
	60.00	64.00	1	4.00	6.60	6.60	6.60	0.040	1.06	
				8th A main road						
	0.00	30.00	1	30.00	8.00	5.40	6.70	0.040	8.04	
	30.00	60.00	1	30.00	5.40	7.10	6.25	0.040	7.50	
	60.00	90.00	1	30.00	7.10	6.60	6.85	0.040	8.22	
	90.00	120.00	1	30.00	6.60	6.90	6.75	0.040	8.10	
	120.00	150.00	1	30.00	6.90	6.70	6.80	0.040	8.16	
	150.00	180.00	1	30.00	6.70	5.40	6.05	0.040	7.26	
	180.00	210.00	1	30.00	5.40	6.50	5.95	0.040	7.14	
	210.00	240.00	1	30.00	6.50	6.80	6.65	0.040	7.98	

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	240.00	257.60	1	17.60	6.80	5.30	6.05	0.040	4.26	
				State Bank of India road						
	0.00	30.00	1	30.00	8.80	5.80	7.30	0.040	8.76	
	30.00	60.00	1	30.00	5.80	7.00	6.40	0.040	7.68	
	60.00	90.00	1	30.00	7.00	6.30	6.65	0.040	7.98	
	90.00	118.40	1	28.40	6.30	6.50	6.40	0.040	7.27	
	118.40	139.00	1	20.60	2.80	3.20	3.00	0.040	2.47	
				2nd A main road						
	0.00	30.00	1	30.00	5.60	4.10	4.85	0.040	5.82	
	30.00	60.00	1	30.00	4.10	3.50	3.80	0.040	4.56	
	60.00	90.00	1	30.00	3.50	3.50	3.50	0.040	4.20	
	90.00	120.00	1	30.00	3.50	3.70	3.60	0.040	4.32	
	120.00	125.60	1	5.60	3.70	4.00	3.85	0.040	0.86	
				Attur Layout 2nd main road						
	0.00	21.00	1	21.00	3.20	3.50	3.35	0.040	2.81	
	21.00	30.00	1	9.00	3.00	3.70	3.35	0.040	1.21	
	30.00	60.00	1	30.00	3.70	4.40	4.05	0.040	4.86	
	60.00	76.30	1	16.30	4.40	4.70	4.55	0.040	2.97	
	76.30	86.20		9.90						1st Cross Road
	86.20	90.00	1	3.80	3.70	3.40	3.55	0.040	0.54	
	90.00	120.00	1	30.00	3.40	3.70	3.55	0.040	4.26	
	120.00	137.80	1	17.80	3.70	3.80	3.75	0.040	2.67	
	137.80	148.70								2nd Cross Road
	148.70	150.00	1	1.30	4.90	4.30	4.60	0.040	0.24	
	150.00	180.00	1	30.00	4.30	3.80	4.05	0.040	4.86	
	180.00	210.00	1	30.00	3.80	3.30	3.55	0.040	4.26	
	210.00	220.80	1	10.80	3.30	4.60	3.95	0.040	1.71	
	220.80	228.60		7.80						3rd Cross Road
	228.60	240.00	1	11.40	4.50	3.90	4.10	0.040	1.87	
	240.00	270.00	1	30.00	3.90	4.00	3.95	0.040	4.74	
	270.00	300.00	1	30.00	4.00	5.20	4.60	0.040	5.52	
	300.00	303.60	1	3.60	5.20	5.20	5.20	0.040	0.75	
	303.60	310.10		6.50						4th Cross Road
	310.10	330.00	1	19.90	4.80	4.50	4.65	0.040	3.70	
	330.00	360.00	1	30.00	4.50	4.20	4.35	0.040	5.22	
	360.00	377.00	1	17.00	4.20	4.70	4.45	0.040	3.03	
				Attur Layout 3rd main road						
	0.00	30.00	1	30.00	5.00	3.20	4.10	0.040	4.92	
	30.00	60.00	1	30.00	3.20	3.40	3.30	0.040	3.96	
	60.00	74.20	1	14.20	3.40	4.00	3.70	0.040	2.10	
	74.20	83.40	1	9.20						1st Cross Road
	83.40	90.00	1	6.60	4.00	3.50	3.75	0.040	0.99	
	90.00	120.00	1	30.00	3.50	3.00	3.25	0.040	3.90	
	120.00	137.50	1	17.50	3.00	3.10	3.05	0.040	2.14	
	137.50	146.60		9.10						2nd Cross Road
	146.60	150.00	1	3.40	3.60	3.50	3.55	0.040	0.48	
	150.00	180.00	1	30.00	3.50	3.10	3.30	0.040	3.96	
	180.00	210.00	1	30.00	3.10	3.30	3.20	0.040	3.84	
	210.00	219.80	1	9.80	3.30	3.50	3.40	0.040	1.33	
	219.80	227.50		7.70						3rd Cross Road

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	227.50	240.00	1	12.50	4.00	3.45	3.73	0.040	1.86	
	240.00	270.00	1	30.00	3.45	4.10	3.78	0.040	4.53	
	270.00	300.00	1	30.00	4.10	4.60	4.35	0.040	5.22	
	300.00	302.90	1	2.90	4.60	4.70	4.65	0.040	0.54	
	302.90	308.50		5.60						4th Cross Road
	308.50	330.00	1	21.50	3.60	4.00	3.80	0.040	3.27	
	330.00	360.00	1	30.00	4.00	4.20	4.10	0.040	4.92	
	360.00	390.00	1	30.00	4.20	3.30	3.75	0.040	4.50	
	390.00	420.00	1	30.00	3.30	3.80	3.55	0.040	4.26	
	420.00	453.20	1	33.20	3.80	4.50	4.15	0.040	5.51	
				Attur Layout 4th main road (From End)						
	0.00	30.00	1	30.00	4.10	4.40	4.25	0.040	5.10	
	30.00	60.00	1	30.00	4.40	3.50	3.95	0.040	4.74	
	60.00	82.80	1	22.80	3.50	4.90	4.20	0.040	3.83	
	82.80	89.40		6.60						5th Cross Road
	89.40	90.00	1	0.60	4.40	4.40	4.40	0.040	0.11	
	90.00	120.00	1	30.00	4.40	3.70	4.05	0.040	4.86	
	120.00	137.60	1	17.60	3.70	4.60	4.15	0.040	2.92	
	137.60	142.60		5.00						4th Cross Road
	142.60	150.00	1	7.40	5.40	4.90	5.15	0.040	1.52	
	150.00	180.00	1	30.00	4.90	4.00	4.45	0.040	5.34	
	180.00	210.00	1	30.00	4.00	4.10	4.05	0.040	4.86	
	210.00	218.30	1	8.30	4.10	4.00	4.05	0.040	1.34	
	218.30	224.40		6.10						3rd Cross Road
	224.40	240.00	1	15.60	4.00	3.50	3.75	0.040	2.34	
	240.00	270.00	1	30.00	3.50	3.60	3.55	0.040	4.26	
	270.00	300.00	1	30.00	3.60	3.90	3.75	0.040	4.50	
	300.00	301.60	1	1.60	3.70	3.70	3.70	0.040	0.24	
	301.60	307.90		6.30						2nd Cross Road
	307.90	330.00	1	22.10	3.70	3.80	3.75	0.040	3.32	
	330.00	360.00	1	30.00	3.80	4.00	3.90	0.040	4.68	
	360.00	362.40	1	2.40	4.00	3.80	3.90	0.040	0.37	
	362.40	372.00		9.60						1st Cross Road
	372.00	390.00	1	18.00	3.60	3.70	3.65	0.040	2.63	
	390.00	417.00	1	27.00	3.70	3.70	3.70	0.040	4.00	
				Attur Layout 5th main road						
	0.00	30.00	1	30.00	5.70	4.10	4.90	0.040	5.88	
	30.00	60.00	1	30.00	4.10	4.70	4.40	0.040	5.28	
	60.00	71.50	1	11.50	4.70	5.20	4.95	0.040	2.28	
	71.50	79.50		8.00						1st Cross Road
	79.50	90.00	1	10.50	3.90	4.20	4.05	0.040	1.70	
	90.00	120.00	1	30.00	4.20	4.00	4.10	0.040	4.92	
	120.00	136.60	1	16.60	4.00	5.20	4.60	0.040	3.05	
	136.60	143.70		7.10						2nd Cross Road
	143.70	150.00	1	6.30	4.00	4.20	4.10	0.040	1.03	
	150.00	180.00	1	30.00	4.20	3.60	3.90	0.040	4.68	
	180.00	210.00	1	30.00	3.60	4.90	4.25	0.040	5.10	
	210.00	216.60	1	6.60	4.90	4.50	4.70	0.040	1.24	
	216.60	224.40		7.80						3rd Cross Road
	224.40	240.00	1	15.60	4.90	4.10	4.50	0.040	2.81	
	240.00	270.00	1	30.00	4.10	3.70	3.90	0.040	4.68	

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ಬಿ.ಡಿ.ಎ. ಬೆಂಗಳೂರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯ
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	270.00	288.20	1	18.20	4.70	5.60	5.15	0.040	3.75	
	288.20	298.00	1	9.80	4.40	5.10	4.75	0.040	1.86	
	298.00	305.50		7.50						4th Cross Road
	305.50	330.00	1	24.50	4.40	4.20	4.30	0.040	4.21	
	330.00	352.80	1	22.80	4.20	5.00	4.60	0.040	4.20	
	352.80	360.80		8.00						5th Cross Road
	360.80	390.00	1	29.20	3.70	5.00	4.35	0.040	5.08	
	390.00	420.00	1	30.00	5.00	4.50	4.75	0.040	5.70	
	420.00	436.50	1	16.50	4.50	4.20	4.35	0.040	2.87	
				Attur Layout 6th main road (From End)						
	0.00	30.00	1	30.00	3.30	3.30	3.30	0.040	3.96	
	30.00	46.00	1	16.00	3.30	3.60	3.45	0.040	2.21	
	46.00	53.70		7.70						4th Cross Road
	53.70	60.00	1	6.30	3.70	3.60	3.65	0.040	0.92	
	60.00	90.00	1	30.00	3.60	3.10	3.35	0.040	4.02	
	90.00	120.00	1	30.00	3.10	4.00	3.55	0.040	4.26	
	120.00	129.50	1	9.50	4.00	4.20	4.10	0.040	1.56	
	129.50	136.70		7.20						3rd Cross Road
	136.70	150.00	1	13.30	3.80	3.20	3.50	0.040	1.86	
	150.00	180.00	1	30.00	3.20	3.40	3.30	0.040	3.96	
	180.00	209.70	1	29.70	3.40	4.80	4.10	0.040	4.87	
	209.70	217.40		7.70						2nd Cross Road
	217.40	240.00	1	22.60	4.20	4.10	4.15	0.040	3.75	
	240.00	270.00	1	30.00	4.10	4.20	4.15	0.040	4.98	
	270.00	274.10	1	4.10	4.20	4.10	4.15	0.040	0.68	
	274.10	280.90		6.80						1st Cross Road
	280.90	300.00	1	19.10	4.00	3.30	3.65	0.040	2.79	
	300.00	330.00	1	30.00	3.30	3.40	3.35	0.040	4.02	
	330.00	350.70	1	20.70	3.40	5.20	4.30	0.040	3.56	
				Attur Layout 7th main road						
	0.00	30.00	1	30.00	6.30	4.30	5.30	0.040	6.36	
	30.00	60.00	1	30.00	4.30	4.40	4.35	0.040	5.22	
	60.00	69.00	1	9.00	4.40	4.20	4.30	0.040	1.55	
	69.00	75.50		6.50						1st Cross Road
	75.50	90.00	1	14.50	4.30	4.00	4.15	0.040	2.41	
	90.00	120.00	1	30.00	4.00	3.60	3.80	0.040	4.56	
	120.00	121.70	1	1.70	3.60	4.20	3.90	0.040	0.27	
	121.70	132.30	1	10.60	3.60	4.20	3.90	0.040	1.65	
	132.30	141.10		8.80						2nd Cross Road
	141.10	150.00	1	8.90	6.00	5.40	5.70	0.040	2.03	
	150.00	180.00	1	30.00	5.40	3.80	4.60	0.040	5.52	
	180.00	210.00	1	30.00	3.80	3.80	3.80	0.040	4.56	
	210.00	215.40	1	5.40	3.80	3.80	3.80	0.040	0.82	
	215.40	221.40		6.00						3rd Cross Road
	221.40	240.00	1	18.60	4.10	3.40	3.75	0.040	2.79	
	240.00	270.00	1	30.00	3.40	4.00	3.70	0.040	4.44	
	270.00	297.80	1	27.80	4.00	4.00	4.00	0.040	4.45	
	297.80	302.60		4.80						4th Cross Road
	302.60	330.00	1	27.40	3.90	3.80	3.85	0.040	4.22	
	330.00	350.00	1	20.00	3.80	3.80	3.80	0.040	3.04	
				Attur Layout 8th main road						

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	0.00	30.00	1	30.00	6.20	4.30	5.25	0.040	6.30	
	30.00	60.00	1	30.00	4.30	5.00	4.65	0.040	5.58	
	60.00	67.00	1	7.00	5.00	4.20	4.60	0.040	1.29	
	67.00	74.00		7.00						1st Cross Road
	74.00	104.00	1	30.00	4.80	4.80	4.80	0.040	5.76	
	104.00	129.70	1	25.70	4.80	5.00	4.80	0.040	4.93	
	129.70	136.70		7.00						2nd Cross Road
	136.70	166.70	1	30.00	3.90	4.10	4.00	0.040	4.80	
	166.70	196.70	1	30.00	4.10	4.60	4.35	0.040	5.22	
	196.70	212.00	1	15.30	4.60	5.20	4.90	0.040	3.00	
	212.00	220.00		8.00						3rd Cross Road
	220.00	250.00	1	30.00	4.70	4.40	4.55	0.040	5.46	
	250.00	280.00	1	30.00	4.40	4.00	4.20	0.040	5.04	
	280.00	293.00	1	13.00	4.00	4.30	4.15	0.040	2.16	
	293.00	300.00		7.00						4th Cross Road
	300.00	330.00	1	30.00	4.10	3.70	3.90	0.040	4.68	
	330.00	345.20	1	15.20	3.70	4.20	3.95	0.040	2.40	
				Attur Layout 1st cross road						
	0.00	30.00	1	30.00	6.80	6.30	6.55	0.040	7.86	
	30.00	60.00	1	30.00	6.30	5.60	5.95	0.040	7.14	
	60.00	90.00	1	30.00	5.60	6.40	6.00	0.040	7.20	
	90.00	110.80	1	20.80	6.40	5.80	6.10	0.040	5.08	
	110.80	111.70								Culvert
	111.70	120.00	1	8.30	6.50	6.40	6.45	0.040	2.14	
	120.00	142.40	1	22.40	6.40	4.90	5.65	0.040	5.06	
	142.40	143.50								Culvert
	143.50	147.20	1	3.70	6.20	6.70	6.45	0.040	0.95	
	147.20	148.30								Culvert
	148.30	150.00	1	1.70	5.80	5.80	5.80	0.040	0.39	
	150.00	172.30	1	22.30	5.80	5.30	5.55	0.040	4.95	
	172.30	174.10								Culvert
	174.10	180.00	1	5.90	6.60	5.30	5.95	0.040	1.40	
	180.00	203.30	1	23.30	5.30	5.80	5.55	0.040	5.17	
	203.30	205.00								Culvert
	205.00	209.10	1	4.10	7.00	7.00	7.00	0.040	1.15	
	209.10	210.60								Culvert
	210.60	234.30	1	23.70	6.30	4.10	5.20	0.040	4.93	
				Attur Layout 2nd cross road						
	0.00	30.00	1	30.00	5.10	6.20	5.65	0.040	6.78	
	30.00	60.00	1	30.00	6.20	6.00	6.10	0.040	7.32	
	60.00	90.00	1	30.00	6.00	4.60	5.30	0.040	6.36	
	90.00	94.70	1	4.70	4.60	4.50	4.55	0.040	0.86	
	94.70	108.40								CC Road
	108.40	120.00	1	11.60	5.50	5.40	5.45	0.040	2.53	
	120.00	150.00	1	30.00	5.40	4.50	4.95	0.040	5.94	
	150.00	180.00	1	30.00	4.50	6.80	5.65	0.040	6.78	
	180.00	210.00	1	30.00	6.80	5.60	6.20	0.040	7.44	
	210.00	240.00	1	30.00	5.60	4.50	5.05	0.040	6.06	
	240.00	245.00	1	5.00	4.50	4.40	4.45	0.040	0.89	
	245.00	251.00								CC Road
	251.00	272.00	1	21.00	5.70	5.20	5.45	0.040	4.58	

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	272.00	274.80	1	2.80	3.10	3.10	3.10	0.040	0.35	
Attur Layout 3rd cross road (From End)										
	0.00	30.00	1	30.00	6.10	6.30	6.20	0.040	7.44	
	30.00	60.00	1	30.00	6.30	6.00	6.15	0.040	7.38	
	60.00	90.00	1	30.00	6.00	6.00	6.00	0.040	7.20	
	90.00	120.00	1	30.00	6.00	5.30	5.65	0.040	6.78	
	120.00	150.00	1	30.00	5.30	6.30	5.80	0.040	6.96	
	150.00	180.00	1	30.00	6.30	6.00	6.15	0.040	7.38	
	180.00	210.00	1	30.00	6.00	5.40	5.70	0.040	6.84	
	210.00	240.00	1	30.00	5.40	6.10	5.75	0.040	6.90	
	240.00	270.00	1	30.00	6.10	5.30	5.70	0.040	6.84	
	270.00	285.70	1	15.70	5.30	6.00	5.65	0.040	3.55	
Attur Layout 4th cross road										
	0.00	30.00	1	30.00	7.40	6.80	7.10	0.040	8.52	
	30.00	60.00	1	30.00	6.80	5.50	6.15	0.040	7.38	
	60.00	90.00	1	30.00	5.50	5.20	5.35	0.040	6.42	
	90.00	120.00	1	30.00	5.20	5.60	5.40	0.040	6.48	
	120.00	150.00	1	30.00	5.60	6.20	5.90	0.040	7.08	
	150.00	180.00	1	30.00	6.20	5.20	5.70	0.040	6.84	
	180.00	210.00	1	30.00	5.20	4.80	5.00	0.040	6.00	
	210.00	240.00	1	30.00	4.80	7.40	6.10	0.040	7.32	
	240.00	256.90	1	16.90	7.40	6.00	6.70	0.040	4.53	
	256.90	263.70	1	6.80	4.00	4.00	4.00	0.040	1.09	
Under 11th cross Road (Muneshwara Layout)										
1st Cross Road										
	0.00	30.00	1	30.00	4.90	5.00	4.95	0.040	5.94	
	30.00	33.00	1	3.00	5.00	3.50	4.25	0.040	0.51	
2nd Cross Road										
	0.00	7.30	1	7.30	5.10	5.10	4.80	0.040	1.40	
	7.30	25.30	1	18.00	4.70	3.80	4.90	0.040	3.53	
	25.30	34.60	1	9.30	4.50	4.50	4.90	0.040	1.82	
3rd Cross Road										
	0.00	30.00	1	30.00	5.50	5.00	5.25	0.040	6.30	
	30.00	38.20	1	8.20	5.00	5.00	5.00	0.040	1.64	
Ward no 04										
Asphalt ROAD										
10th B Main B Sector										
	0.00	30.00	1	30.00	6.00	6.50	6.25	0.040	7.50	
	30.00	35.20	1	5.20	6.50	6.60	6.55	0.040	1.36	
2nd B Main B Sector										
	0.00	30.00	1	30.00	6.40	6.50	6.45	0.040	7.74	
	30.00	60.00	1	30.00	6.50	6.40	6.45	0.040	7.74	
	60.00	72.10	1	12.10	6.40	6.50	6.45	0.040	3.12	
11th B Cross Road B Sector										
	0.00	30.00	1	30.00	5.90	5.80	5.85	0.040	7.02	
	30.00	60.00	1	30.00	5.80	5.60	5.70	0.040	6.84	
	60.00	76.20	1	16.20	5.60	5.80	5.70	0.040	3.69	

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ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

From Sandeep Unnikrishnan Main Road										
4th B Cross Road										
	0.00	30.00	1	30.00	0.00	5.80	2.90	0.040	3.48	
	30.00	60.00	1	30.00	5.80	6.80	6.30	0.040	7.56	
	60.00	90.00	1	30.00	6.80	7.80	7.30	0.040	8.76	
	90.00	120.00	1	30.00	7.80	8.80	8.30	0.040	9.96	
	120.00	137.30	1	17.30	8.80	9.80	9.30	0.040	6.44	
4th B Cross Road Continued										
	0.00	16.20	1	16.20	7.40	6.80	7.10	0.040	4.60	
From 3rd B Cross Road										
7th B Main										
	0.00	30.00	1	30.00	6.90	6.20	6.55	0.040	7.86	
	30.00	60.00	1	30.00	6.20	6.00	6.10	0.040	7.32	
	60.00	67.30	1	7.30	6.00	6.00	6.00	0.040	1.75	
Total Qty Work Done									982.70	
Approved Schedule B Quantity									2501.23	
Qty Payable in this bill									982.70	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division
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BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	18
Item Name:	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.(V-III,I No-8.15, P.No-57 of KPWD SR 2021-22)

SLNO	CHAINAGE		NO	L	B1	D	QTY	Remarks
	Land Mark			(m)	(m)	(m)		
Date of Measurement:- 24-1-23 - 4-2-23								
Ward no 03								
Asphalt ROAD								
Akshyanagar main road								
2nd cross road								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	30.00	63.50	2	33.50	0.10		6.70	
3rd cross road								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	60.00	64.50	2	4.50	0.10		0.90	
4th cross road								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	60.00	63.50	2	3.50	0.10		0.70	
5th cross road								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
6th cross road								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	60.00	65.00	2	5.00	0.10		1.00	
7th cross road								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	60.00	64.00	2	4.00	0.10		0.80	
8th A main road								
	0.00	30.00	3	30.00	0.10		9.00	
	30.00	60.00	3	30.00	0.10		9.00	
	60.00	90.00	3	30.00	0.10		9.00	
	90.00	120.00	3	30.00	0.10		9.00	
	120.00	150.00	3	30.00	0.10		9.00	

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	30.00	60.00	2	30.00	0.10		6.00	
	60.00	72.10	2	12.10	0.10		2.42	
11th B Cross Road B Sector								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	60.00	76.20	2	16.20	0.10		3.24	
From Sandeep Unnikrishnan Main Road								
4th B Cross Road								
	0.00	30.00	1	30.00	0.10		3.00	
	30.00	60.00	1	30.00	0.10		3.00	
	60.00	90.00	1	30.00	0.10		3.00	
	90.00	120.00	1	30.00	0.10		3.00	
	120.00	137.30	1	17.30	0.10		1.73	
4th B Cross Road Continued								
	0.00	16.20	1	16.20	0.10		1.62	
From 3rd B Cross Road								
7th B Main								
	0.00	30.00	1	30.00	0.10		3.00	
	30.00	60.00	1	30.00	0.10		3.00	
	60.00	67.30	1	7.30	0.10		0.73	
Total Qty Work Done							**1061.58**	
Approved Schedule B Quantity							**2411.70**	
Qty Payable in this bill							**1061.58**	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	22
Item Name:	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications. (V-I.No 9.31,Page No-64 PWD SR 2021-22)

SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 18-1-23 - 24-2-23							
	Cobble Stone						
	S-LIG - 10,11						
		1	5.00	17.60		88.00	
		1	8.60	12.70		109.22	
		1	9.90	1.80		17.82	
		1	3.30	1.80		5.94	
		1	9.90	1.70		16.83	
		1	3.10	3.40		10.54	
	Deduction of Sump	-1	5.30	3.20		-16.96	
	Deduction of Tree	-1	0.90	0.90		-0.81	
	Deduction of Building	-1	1.20	4.40		-5.28	
	Deduction of Trasnformer	-1	0.90	0.45		-0.41	
	S-LIG - 08,09						
		1	6.60	6.30		41.58	
		1	3.20	1.30		4.16	
		1	7.10	10.60		75.26	
		1	6.00	6.40		38.40	
		1	1.30	3.30		4.29	
	Deduction of Sump	-1	7.70	2.50		-19.25	
	Deduction of Transformer	-1	1.00	0.30		-0.30	
	Deduction of Building	-1	3.10	1.00		-3.10	
	Deduction of Steps	-1	0.90	0.40		-0.36	
	Deduction of Building	-1	3.10	1.00		-3.10	
	S-LIG - 07						
		1	5.50	4.80		26.40	
		1	1.30	3.30		4.29	
	Deduction of Sump	-1	3.10	1.70		-5.27	
	S-LIG - 06						
		1	29.70	10.10		299.97	
		1	5.80	3.50		20.30	
	Deduction of Sump	-4	3.00	5.20		-62.40	
	S-LIG - 05						
		1	4.20	4.90		20.58	

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			S-LIG - 03					
			1	29.00	4.80		139.20	
			1	3.30	1.80		5.94	
			1	4.00	4.80		19.20	
			1	3.30	1.80		5.94	
		Deduction of Sump	-1	7.70	2.50		-19.25	
			S-LIG - 01					
			1	12.50	9.50		118.75	
			1	2.70	1.30		3.51	
			1	19.40	6.10		118.34	
		Deduction of Transformer	-1	1.30	0.60		-0.78	
		Deduction of Steps	-1	0.90	0.90		-0.81	
		Deduction of Building	-1	3.90	1.30		-5.07	
		Deduction of Sump	-1	7.70	2.50		-19.25	
		Deduction of Transformer	-1	2.10	1.20		-2.52	
		Deduction of Building	-1	3.10	1.00		-3.10	
		Deduction of Mortor	-1	1.90	0.70		-1.33	
						Total Qty Work Done	1025.12	
						Approved Schedule B Quantity	5044.85	
						Qty Payable in this bill	1025.12	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	23							
Item Name:	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (V-III Page No.3, Item No.1.4 A of PWD SR 2021-22)							
SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:-	1-9-23 - 4-9-23							
	Ward no 03							
	RCC DRAIN							
	Sri Sai Layout							
	From Veersagar Main Road							
	Cross Road 1 (LHS)							
	0.00	14.70	1	14.70	1.10	1.00	16.17	
	Cross Road 2 (RHS)							
	0.00	20.30	1	20.30	1.10	1.00	22.33	
	Sai Layout 2nd A Main Road (LHS)							
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	47.10	1	17.10	1.10	1.00	18.81	
	47.10	54.10	1	7.00	-	-	-	No Work
	54.10	84.10	1	30.00	1.10	1.00	33.00	
	84.10	114.10	1	30.00	1.10	1.00	33.00	
	114.10	144.10	1	30.00	1.10	1.00	33.00	
	Sai Layout 2nd A Main Road (RHS)							
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	60.00	1	30.00	1.10	1.00	33.00	
	60.00	90.00	1	30.00	1.10	1.00	33.00	
	90.00	120.00	1	30.00	1.10	1.00	33.00	
	120.00	136.20	1	16.20	1.10	1.00	17.82	
	From Veersagar Main Road							
	11th Cross Road (RHS)							
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	49.00	1	19.00	1.10	1.00	20.90	
	6th Cross Road (RHS)							
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	60.00	1	30.00	1.10	1.00	33.00	
	60.00	90.00	1	30.00	1.10	1.00	33.00	
	90.00	93.90	1	3.90	1.10	1.00	4.29	
	93.90	108.00	1	14.10	-	-	-	No Work
	108.00	129.30	1	21.30	1.10	1.00	23.43	
	6th Cross Road (Dead End)							
	0.00	4.70	1	4.70	1.10	1.00	5.17	
Desilting								

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Hanumayya Layout(Adjacent to Trivik Apt)								
1st Main Road (LHS)								
	0.00	30.00	1	30.00	0.80	0.85	20.40	
	30.00	48.00	1	18.00	0.80	0.85	12.24	
	48.00	55.60	1	7.60	-	-	-	CULVERT
	55.60	85.60	1	30.00	0.80	0.85	20.40	
	85.60	115.60	1	30.00	0.80	0.85	20.40	
	115.60	145.60	1	30.00	0.80	0.85	20.40	
	145.60	155.50	1	9.90	0.80	0.85	6.73	
Cross Road 1 (LHS)								
	0.00	8.80	1	8.80	0.85	0.85	6.36	
2nd Main Road (LHS) (From Dhanush Nialaya)								
	0.00	30.00	1	30.00	0.85	0.85	21.68	
	30.00	38.30	1	8.30	0.85	0.85	6.00	
RCC CULVERT								
Ward No -04								
6th B Main road - B - Sector (LHS)								
	49.00	56.80	1	7.80	1.70	1.00	13.26	
	258.00	265.50	1	7.50	1.70	1.00	12.75	
	300.10	305.00	1	4.90	1.70	1.00	8.33	
7th B Main Road (RHS)								
	102.00	108.00	1	6.00	1.40	1.00	8.40	
	212.00	219.50	1	7.50	1.70	1.00	12.75	
	277.10	280.60	1	3.50	1.70	1.00	5.95	
7th B Main road - B - Sector (RHS)								
	42.00	50.00	1	8.00	1.70	1.00	13.60	
	196.20	205.20	1	9.00	1.70	1.00	15.30	
4th B Cross road - B - Sector (RHS)								
	91.40	96.30	1	4.90	1.40	1.00	6.86	
4th B Cross road Continued (RHS)								
	0.00	9.30	1	9.30	1.70	1.00	15.81	
2nd B Main road (RHS)								
	17.00	24.60	1	7.60	1.40	1.00	10.64	
Ward No -03								
3rd A Main road								
	0.00	3.70	1	3.70	1.40	1.00	5.18	
1.28 Density to be Mulitplied for total Qty							**1.28**	
						Total Qty	**10891.03**	
						Total Qty Work Done	**10891.03**	
						Approved Schedule B Quantity	**27704.65**	
						Qty Payable in this bill	**10891.03**	
						Sub Total Amount	**38557522.96**	
						Add 18% GST	**6940354.13**	
						Grand Total Amount	**45497877.10**	

Contractor

Project Management Consultants

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